

# Push Notifications Service

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# Push Notifications Service

Live notifications to **any supported device**



From CERN services to **CERN users**

**Opt-in configuration**  
user selects what/how  
he wants



# Some examples

**CERN Cards Service**  
Renew your Swiss Legitimation card

**Individualized notifications**

**Indico**  
Your event XYZ agenda is now available

**CERN Computer Centre**  
Host CERND33 is unavailable

**Group notifications**

**IT DHO**  
New Internal mobility position available

**Location based**

**Medical Service**  
Blood donation today at R2

**CERN Bulletin**  
LHC Report: machine commissioning

**Internal Communication**  
Einstein road will closed next Tuesday

# Some examples

User decides **where and how often** notifications are delivered

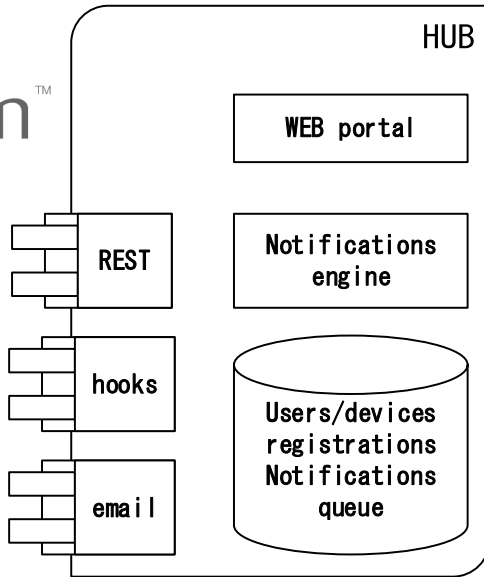
- I want my **monitoring system** notifications delivered immediately on my smartphone
- I want a summary of my **EDH** notifications to be delivered by email once a day
- I want an alert on my desktop when there is a merge request on my GitLab repository

# Benefits

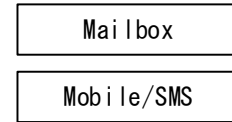
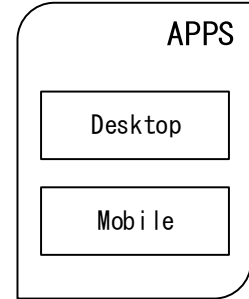
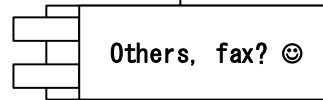
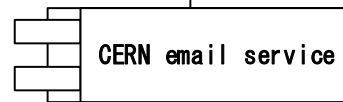
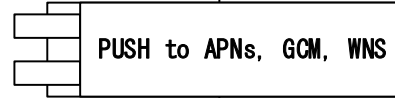
- Notify people **faster**
- Declutter mailboxes
- **Meaningful** notifications for users
- Notify based on location
- Measure users engagement



# High level architecture



NOTIFICATION SERVICES



PostgreSQL



GitLab



# Status

- We aim to develop a redistributable solution using services and tools provided by the department
- 3 development teams are formed and boilerplates in place
- You are welcome to join the project development

# Opportunities

- The project requires the development of a mobile app
- This app can become the **placeholder for other CERN mobile applications**
  - Existing projects can be integrated
  - New apps can be developed by the community
    - For e.g. visitors support, outdoor/indoor navigation, lightweight EDH, Indico, etc
  - Aim to provide a supported a ***digital swiss knife*** to CERN people





# Questions?

If you want to join the team or have questions or comments, please drop a message to [push-devteam@cern.ch](mailto:push-devteam@cern.ch)